

Whole Blood Samples Drawn into EDTA and AssayAssure® over Time

Cell Viability and Cellular Assessment

Stabilization Method & Sample Aging	Cellular Clumps	Viability: Trypan Blue Exclusion	Viability: CD45/PI
EDTA – Day 1	None Detected	Cells Viable	99.23%
AssayAssure® - Day 1	None Detected	Cells Viable	99.70%
AssayAssure® - Day 8	None Detected	Cells Viable	94.94%

Hematology Data

Stabilization Method & Sample Aging	Leukocyte Count (WBC) (x10.e ³ /µL)	Erythrocyte Count (RBC) (x10.e ⁶ /µL)	Hemoglobin Concentration (HGB) (g/dL)	Hematocrit Value (HCT) (%)
EDTA – Day 1	6.11	4.85	14.57	40.10
AssayAssure® - Day 1	5.43	4.26	12.90	35.25
AssayAssure® - Day 8	4.06	4.24	12.70	37.70

Stabilization Method & Sample Aging	Mean Corpuscular Volume (MCV) (fL)	Mean Corpuscular Hemoglobin (MCH) (pg)	Mean Corpuscular Hemoglobin Concentration (MCH) (g/dL)	Red Cell Distribution Width (RDW) (%)	Platelet Count (PLT) (x10.e ³ /µL)	Mean Platelet Volume (MPV) (fL)
EDTA – Day 1	82.70	30.03	36.37	13.37	229.00	11.47
AssayAssure® - Day 1	82.85	30.25	36.55	13.25	92.50	10.50
AssayAssure® - Day 8	88.80	29.9	33.7	13.00	89.00	13.30

Stabilization Method & Sample Aging	Total Neutrophils (# NEUT) (x10.e ³ /µL)	Total Lymphocytes (# LYMPH) (x10.e ³ /µL)	Total Monocytes (# MONO) (x10.e ³ /µL)	Total Eosinophils (# EOS) (x10.e ³ /µL)	Total Basophils (# BASO) (x10.e ³ /µL)	Percentage Lymphocytes (% RECTIC) (%)	Total Reticulocytes (# RETIC) (x10.e ⁶ /µL)
EDTA – Day 1	3.83	1.70	0.34	0.08	0.03	1.37	0.07
AssayAssure® - Day 1	3.24	1.52	0.45	0.11	0.02	1.50	0.06
AssayAssure® - Day 8	2.34	1.06	0.38	0.07	0.12	0.80	0.03

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